

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|------------------------------|------------------|---------|------------------|
| L1 | 816 | pipette.clm. | US-PGPUB | ADJ | ON | 2008/02/29 15:51 |
| L2 | 30705 | nozzle.clm. | US-PGPUB | ADJ | ON | 2008/02/29 15:51 |
| L4 | 232698 | (pivot\$4 or rotat\$5 or swing\$4).clm. | US-PGPUB | ADJ | ON | 2008/02/29 15:52 |
| L5 | 46149 | (index\$4).clm. | US-PGPUB | ADJ | ON | 2008/02/29 15:52 |
| L6 | 118322 | (indent or hole or bisect \$4).clm. | US-PGPUB | ADJ | ON | 2008/02/29 15:52 |
| L7 | 1 | I1 and I2 and I4 and I5 and I6 | US-PGPUB | ADJ | ON | 2008/02/29 15:53 |
| S1 | 3411 | 422/100.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:44 |
| S2 | 1261 | 422/100.ccls. and pipette | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:45 |
| S3 | 114 | 422/100.ccls. and pipette and pivot | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:45 |
| S4 | 135 | 422/100.ccls. and pipette and (pivot or pivotable or pivoting) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:45 |
| S5 | 125 | 422/100.ccls. and pipette and (pivot or pivotable or pivoting) and @ay<"01162004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/02 17:46 |
| S6 | 125 | 422/100.ccls. and pipette and (pivot or pivotable or pivoting) and @ay<"20040116" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:47 |
| S7 | 108 | 422/100.ccls. and pipette and (pivot or pivotable or pivoting) and @ay<"2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:51 |
| S8 | 7 | (pivot or pivotable or pivoting) same nozzle same pipette | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:52 |
| S9 | 2 | (pivot or pivotable or pivoting) same nozzle same pipette and @ay<"2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:54 |

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|-----|--------|---|------------------------------|-----|----|---------------------|
| S10 | 28 | (pivot or pivotable or pivoting or rotate or rotatable) same nozzle same pipette and @ay<"2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:56 |
| S11 | 338 | pipette device | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:57 |
| S12 | 46 | (pipette device).ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:58 |
| S13 | 30 | (pipette and (rotate or pivot or pivotable or pivoting or rotatable)).ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/24 15:59 |
| S14 | 30 | (pipette and (rotate or pivot or pivotable or pivoting or rotatable)).ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:03 |
| S15 | 5 | pipette gun.ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:04 |
| S16 | 0 | pipette gun.ab. and pivot | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:04 |
| S17 | 924195 | pivot or pivoting or pivotable | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:05 |
| S18 | 0 | S15 and S17 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:05 |
| S19 | 3216 | S17 and "422".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:05 |
| S20 | 414 | S19 and pipette | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:05 |
| S21 | 79 | S20 and nozzle | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:08 |
| S22 | 46 | pipette device.ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 08:53 |
| S23 | 50 | (pipette and nozzle).ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:11 |
| S24 | 50 | (pipette and nozzle).ab. not I1-10 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:11 |

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| S25 | 50 | (pipette and nozzle).ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:18 |
| S26 | 3 | pipette gun.ti. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:17 |
| S27 | 3 | pipet gun.ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:17 |
| S28 | 2 | pipet gun.ti. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:17 |
| S29 | 4 | (pipet and nozzle).ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:24 |
| S30 | 4961 | pipet and (rotate or turn or pivot or adjust) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:24 |
| S31 | 39 | pipet.ab. and (rotate or turn or pivot or adjust) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:36 |
| S32 | 65 | pipet.ti. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:38 |
| S33 | 797 | pipette.ti. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:38 |
| S34 | 237 | pipette.ti. and (pivot or rotate or adjustable) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:38 |
| S35 | 38 | pipette.ti. and (pivot or rotate or adjustable) and nozzle | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:38 |
| S36 | 4 | (US-20060171854-\$ or US- 20020095998-\$ or US- 20020005075-\$).did. or (US-6601433-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2007/04/26 16:51 |
| S37 | 3 | rotate and S36 | US-PGPUB; USPAT | ADJ | ON | 2007/04/26 16:40 |
| S38 | 1 | ("3656351").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/27 11:34 |
| S39 | 3 | 09/873522 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/26 16:57 |
| S40 | 1 | 10/759358 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:41 |

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| S41 | 142 | pivot with hole and "422".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 11:34 |
| S42 | 0 | lock with pivot with hole and "422".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 11:35 |
| S43 | 1 | discrete with pivot with hole and "422".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 11:35 |
| S44 | 0 | discrete with adjust with hole and "422".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 11:35 |
| S45 | 4 | adjust with hole with (set or lock) and "422".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 11:35 |
| S46 | 9 | pipette (device or gun) and boss | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:45 |
| S47 | 3 | pipette (device or gun) same boss | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:42 |
| S48 | 502 | pipette and boss | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:45 |
| S49 | 167 | pipette and boss and (rotate or adjust) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:46 |
| S50 | 27 | pipette and boss same (rotate or adjust) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:45 |
| S51 | 33 | pipette.ab. and boss and (rotate or adjust) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:46 |
| S52 | 30 | pipette.ab. and boss and (rotate or adjust) not S50 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:48 |
| S53 | 2 | pipette.ab. and boss and (rotate or adjust or pivot) not S50 not S52 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:48 |
| S54 | 26 | pipette.ti. and boss | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:49 |
| S55 | 1 | (pipet or pipette).ti. and boss not S54 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:49 |
| S56 | 35 | (pipet or pipette).ab. and boss not S54 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:50 |

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| S57 | 19 | (pipet or pipette).ab. and boss not S51 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/27 17:50 |
| S58 | 5 | pipette gun.ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 08:50 |
| S59 | 4 | ((("5090255") or ("4624147") or ("3962061") or ("3834240"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/30 08:50 |
| S60 | 4 | ((("5090255") or ("4624147") or ("3963061") or ("3834240"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/30 08:51 |
| S61 | 1 | (pipette or pipet) and nozzle housing and pipette coupling | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 08:51 |
| S62 | 5 | (pipette or pipet) and nozzle housing | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 08:51 |
| S63 | 862 | (pipette or pipet).ti. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 08:53 |
| S64 | 0 | (pipette or pipet).ti. and "422.clas" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 08:53 |
| S65 | 605 | (pipette or pipet).ti. and "422".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 08:53 |
| S66 | 384 | (pipette or pipet).ti. and "422".clas. and @ay<="2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 08:54 |
| S67 | 364 | (pipette or pipet).ti. and "422".clas. and @ay<"2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 08:54 |
| S68 | 50 | ((("6734026") or ("6253628") or ("6240791") or ("6090348") or ("5844686") or ("5770158") or ("5747333") or ("5620660") or ("5591408") or ("5573729") or ("5531131") or ("5511433") or ("5509318") or ("5406856") or ("5403553") or ("5389341") or | US-PGPUB; USPAT | OR | OFF | 2007/04/30 09:21 |

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|-----|---|--|------------------------------|-----|----|---------------------|
| | | ("5294405") or ("5214968") or ("5187990") or ("5173266") or ("5104625") or ("5090255") or ("5059398") or ("5043106") or ("5012682") or ("5002737") or ("4988481") or ("4967606") or ("4926701") or ("4910617") or ("4905526") or ("4896270") or ("4831470") or ("4815632") or ("4760939") or ("4662545") or ("4624147") or ("4470317") or ("4461328") or ("4406170") or ("4250755") or ("4219530") or ("4063662") or ("4041764") or ("3963061") or ("3847200") or ("3834240") or ("3834590") or ("3501964") or ("3418097")).PN. | | | | |
| S69 | 5 | "3656341".pn. or "6253628".pn. or 09/873522 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 11:27 |
| S70 | 4 | S68 and boss | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 09:26 |
| S71 | 0 | 10/75958 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 09:26 |
| S72 | 1 | 10/759358 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 11:09 |

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| S73 | 11 | (US-20030147781-\$ or US-20020012613-\$ or US-20020005075-\$ or US-20020095998-\$ or US-20060171854-\$).did. or (US-3656351-\$ or US-5063790-\$ or US-6253628-\$ or US-6601433-\$ or US-4527437-\$ or US-3963061-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:29 |
| S74 | 1 | S73 and boss | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:29 |
| S75 | 591 | (rotate or pivot) and indexing holes | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:30 |
| S76 | 12 | (rotate or pivot) and indexing holes and "422". clas. | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:30 |
| S77 | 10 | (rotate or pivot) and indexing holes and indent | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:30 |
| S78 | 708 | adjustable and sprinkler head | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:31 |
| S79 | 182 | adjustable with sprinkler head | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:31 |
| S80 | 75 | (adjustable and sprinkler head).ab. | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:31 |
| S81 | 1 | (adjustable and sprinkler head).ab. and index | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:31 |
| S82 | 44 | (adjustable and sprinkler head).ab. and hole | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:44 |
| S83 | 13 | indexing same hole same indent | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:42 |
| S84 | 0 | (adjustable and sprinkler head).ab. and hole and indent | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:44 |
| S85 | 1418 | adjustable and hole and indent | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:44 |
| S86 | 6 | adjustable and hole and indent and "422". clas. | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:44 |
| S87 | 321 | adjustable and hole same indent | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:45 |
| S88 | 259 | adjustable and hole same indent and @ay< "2004" | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:46 |
| S89 | 123 | adjustable and hole same indent and @ay< "2004" and rotate | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:54 |
| S90 | 137 | (adjustable and (shower head or sprinkler head)). ab. | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:54 |

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| S91 | 72 | (adjustable and (shower head or sprinkler head)).ab. and hole | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:54 |
| S92 | 0 | (adjustable and (shower head or sprinkler head)).ab. and hole and indent | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:55 |
| S93 | 2 | ((shower head or sprinkler head)).ab. and hole and indent | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 09:57 |
| S94 | 123 | hole with indent same (rotate or turn or index or lock or adjust or adjustable) | US-PGPUB; USPAT | ADJ | ON | 2007/04/30 10:07 |
| S95 | 1 | ("6253628").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/30 10:07 |
| S96 | 2 | (pipette or pipet) and pivot | FPRS; EPO; JPO | ADJ | ON | 2007/04/30 11:10 |
| S97 | 34 | (pipette or pipet) and rotate | FPRS; EPO; JPO | ADJ | ON | 2007/04/30 11:10 |
| S98 | 5 | "3656351".pn. or "6253628".pn. or 09/873522 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 14:43 |
| S99 | 0 | hand cuffs.ti. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 14:44 |
| S100 | 22 | hand cuffs.ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 14:46 |
| S101 | 114 | lock with index with pivot | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 14:54 |
| S102 | 1227 | lock with teeth with pivot | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 14:54 |
| S103 | 6155 | spring with teeth with pivot | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 15:02 |
| S104 | 10 | spring with teeth with pivot and "422".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 14:54 |
| S105 | 5 | gear with teeth with pivot and "422".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 14:55 |
| S106 | 42 | gear with teeth with pivot with index | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 14:55 |
| S107 | 5 | gear with hole with pivot with index | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 15:00 |

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|------|-------|---|------------------------------|-----|-----|---------------------|
| S108 | 147 | gear with hole with pivot with spring | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 15:00 |
| S109 | 3738 | spring with teeth with pivot and release | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 15:02 |
| S110 | 853 | spring with teeth with pivot and release and button | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 15:02 |
| S111 | 745 | spring with teeth with (rotate or pivot) and release and button and @ay<"2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 15:03 |
| S112 | 114 | spring with (hole or teeth) with (rotate or pivot) with release with button | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 15:10 |
| S113 | 1727 | spring with (hole or teeth) with (rotate or pivot) with release not S112 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 15:11 |
| S114 | 282 | spring with (hole or teeth) with (rotate or pivot) with release and button not S112 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/30 15:11 |
| S115 | 1 | ("4099548").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/02 17:46 |
| S116 | 57 | spring biased gear | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 14:57 |
| S117 | 75696 | spring bias\$ and pivot | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 14:58 |
| S118 | 26837 | spring bias\$ same pivot | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 14:58 |
| S119 | 45 | spring bias\$ same pivot and pipette | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 14:59 |
| S120 | 25 | spring bias\$ same pivot and pipette.ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 15:05 |
| S121 | 278 | toy car same spring | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 15:06 |
| S122 | 113 | toy car with spring | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 15:06 |
| S123 | 42 | toy car with spring with wheel | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 15:08 |

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| S124 | 0 | gear with pivot same pipette | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 15:08 |
| S125 | 1 | gear with pivot and pipette.ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 15:09 |
| S126 | 41 | spring with pivot and pipette.ab. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 15:10 |
| S127 | 24 | spring with pivot and pipette.ab. not ammann.in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/08 15:10 |
| S128 | 17 | (US-20020012613-\$ or US-20020095998-\$ or US-20020005075-\$ or US-20060263261-\$ or US-20060171854-\$ or US-20030147781-\$).did. or (US-3656351-\$ or US-6601433-\$ or US-5364596-\$ or US-4099548-\$ or US-5660440-\$ or US-4527437-\$ or US-3963061-\$ or US-3805998-\$ or US-6253628-\$ or US-5063790-\$ or US-5620660-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2007/05/09 15:59 |
| S129 | 15 | spring and S128 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/09 15:59 |
| S130 | 3 | ((("20020012613") or ("3656351") or ("6253628"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/09 16:48 |
| S131 | 254831 | gripping or grip and S130 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/09 16:48 |
| S132 | 3 | (gripping or grip) and S130 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/09 16:51 |
| S133 | 1 | ("20050158211").PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/09 16:51 |
| S134 | 1 | (gripping or grip) and S133 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/09 16:51 |
| S135 | 4 | ((("4988481") or ("5002737") or ("4734261") or ("4659677"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/17 17:51 |
| S136 | 1 | sleeve and S135 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/17 17:52 |

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|------|-----|--|------------------------------|-----|----|---------------------|
| S137 | 4 | spring and S135 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/17 18:20 |
| S138 | 0 | release and S135 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/17 18:21 |
| S139 | 1 | release and "4,099,548". pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/05/17 18:21 |
| S140 | 1 | 10/759358 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:08 |
| S141 | 2 | (bisect\$3 with indexing surface) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 18:48 |
| S142 | 17 | (US-20020005075-\$ or US- 20060171854-\$ or US- 20020095998-\$ or US- 20020012613-\$ or US- 20030147781-\$ or US- 20060263261-\$).did. or (US-5063790-\$ or US- 3805998-\$ or US-3656351- \$ or US-4527437-\$ or US- 6253628-\$ or US-6601433- \$ or US-3963061-\$ or US- 5364596-\$ or US-5620660- \$ or US-4099548-\$ or US- 5660440-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2007/10/05 19:04 |
| S143 | 0 | nub and S142 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:04 |
| S144 | 28 | 422/100.ccls. and nub | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:08 |
| S145 | 1 | 422/100.ccls. and nub with hole | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:08 |
| S146 | 8 | "422".clas. and nub with hole | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:08 |
| S147 | 365 | nub with hole and pivot\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:09 |
| S148 | 1 | "422".clas. and nub with hole and pivot\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:09 |
| S149 | 259 | @ad<"20040116" and nub with hole and pivot\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:10 |

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| S150 | 20 | @ad<"20040116" and nub with hole and pivot\$4 and index | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:10 |
| S151 | 0 | @ad<"20040116" and nub with hole and pivot\$4 and index\$4 surface | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:10 |
| S152 | 0 | @ad<"20040116" and nub and (groove or hole) and pivot\$4 and index\$4 surface | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:11 |
| S153 | 41 | @ad<"20040116" and nub and (groove or hole) and pivot\$4 and index\$4 with surface | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:11 |
| S154 | 15 | @ad<"20040116" and nub with (groove or hole) and pivot\$4 and index\$4 with surface | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/10/05 19:11 |
| S155 | 1 | (pipette and (pivot\$5 or rotat\$5 or hing\$5) and nozzle and boss and index \$4).clm. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/27 12:33 |
| S156 | 3664 | 422/100.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/27 12:34 |
| S157 | 1 | (pipette and (pivot\$5 or rotat\$5 or hing\$5) and nozzle and boss and index \$4).clm. and S156 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/27 12:34 |
| S158 | 2 | (donna near2 piacenza or jimmy-quang near2 doan or micheal near2 de rossi or stephen near2 gaynes). in. and pipette | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/27 12:36 |
| S159 | 87 | (donna near2 piacenza or jimmy-quang near2 doan or micheal near2 de rossi or stephen near2 gaynes). in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/27 12:36 |
| S160 | 0 | (donna near2 piacenza and jimmy-quang near2 doan and micheal near2 de rossi and stephen near2 gaynes).in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/02/27 12:37 |

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